

6 Pin Power Connector

Pin	Function	COLOR
1	NC	
2	U	YELLOW
3	V	RED
4	W	BLACK
5	NC	
6	PE	YELLOW/GREEN



6 PIN

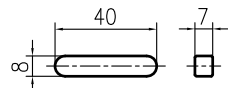
17 PIN Encoder Connector

Pin	Function	COLOR	Pin	Function	COLOR
1	VCC+	WHITE	10	NC	
2	GND	BLACK	11	NC	
3	VB	ORANGE	12	NC	
4	GND	BROWN	13	SHIELDING	
5	NC		14	NC	
6	NC		15	NC	
7	NC		16	SD	BLUE
8	NC		17	/SD	PURPLE
9	NC				

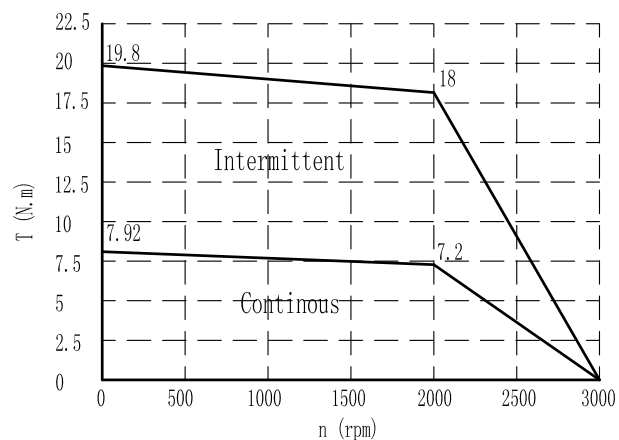
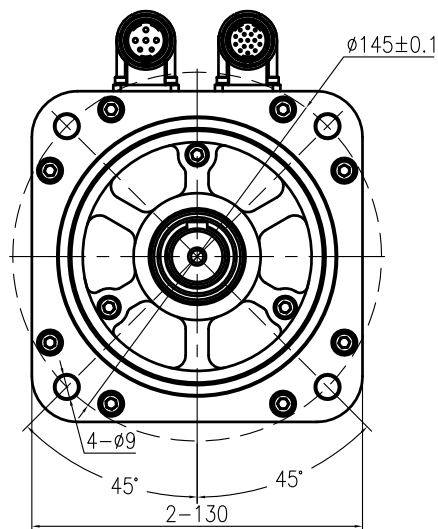
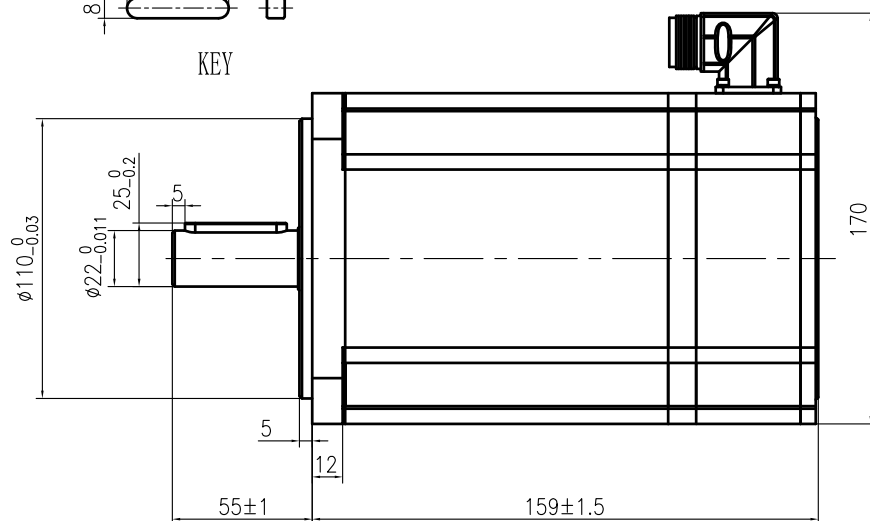
YL2217ZJ
17 PIN

6 PIN MOTOR CONNECTOR

17 PIN ENCODER CONNECTOR



KEY



S/N: ZONPK00YYDDNNNN

Technical Data

No. of poles	8	
DC Link Voltage UDC (DC Link)	300	
Rated Power P _N (W)	1500	
Rated Torque T _N (N.m)	7.2	
Rated Speed n _N (rpm)	2000	
Rated Current I _x (A)	6.8	
Maximum torque T _m (N.m)	18	
Maximum Current I _m (A)	20.4	
Standstill torque T _s (N.m)	7.92	
Standstill current I _s (A)	7.48	
Resistance line-line R _L (Ω)	1.51	
Inductance line-line L _L (mH)	13.8	
Electrical time constant T _e (ms)	9.14	
Mechanical time constant T _m (ms)	2.28	
Voltage constant K _e (V/krpm)	71	
Torque constant K _t (Nm/A)	1.17	
Rotor moment of inertia J _m (Kg.cm ²)	12	
Max. voltage rising du/dt (KV/μs)	8	
Insulation class	F	
Max. radial force Fr(N)	900	
Max. axial force Fa(N)	450	
Weight (Kg)	7.5	
Feed back device	absolute encoder	
	MAR-HX50AHN10	
Temperature sensor	n. a.	
Cooling method	Totally enclosed non-ventilated	
protection level	IP65, shaft sealing IP54	
Environmental conditions	Temperature	-20℃~40℃
	Humidity	Below 90%RH (No dewing)
	Environment	Far away active gas, combustible gas, oil drop, ash.
	Installation altitude	UP TO 1000m: rated power, above 1000m: 1.5% power decreasing per 100m, max. 4000m
Rating conditions	Mounting	Aluminum flange 457x457x12.7mm
	Temperature	60K housing temperature ring at 40℃ ambient

VI.2	KA19065	LS	ZZB	19.4.2	DESIGN	DATE	P.N.	9.6652SS
REV	ECN NO.	DRN	APP'D	DATE	YJL	2018.5.31	TITLE	Outside Diagram
UNLESS OTHERWISE SPECIFIED TOLERANCES:				MATERIAL	CONTR.	CHECK	USED ON	SMS130D-0150-20KAK-4LKP
DECIMALS: .x ±0.5						ZZB	2018.5.31	
ANGULAR: .xx ±0.25						APPD	2018.5.31	
.xxx ±0.1						SL	2018.5.31	
UNIT: mm						SCALE		
DO NOT SCALE DRAWING						SHEET	OF	
								REV V1.2
								Kinco

VI.2

VI.1